

PATENT ABSTRACTS OF JAPAN

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(21)Application number : **07-265898** (71)Applicant : **RJJKSUNIV TE GRONINGEN**
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(54) CHEWING GUM

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain a biodegradable chewing gum giving a good chewing state by incorporating chewing gum components and a biodegradable polymer such as polyester as a gum base.

SOLUTION: This chewing gum contains chewing gum components and a biodegradable polymer having about 37°C glass transition temp. and contg. a chemically unstable compd. in the polymer chain as a gum base. The polymer is, e.g. polyester and/or polycarbonate of cyclic ester such as lactide, glycolide, trimethylene carbonate, γ -valerolactone, β -propiolactone and ϵ -caprolactone.